

IN THE SPECIFICATION:

Please amend the Specification as follows.

In paragraph 0062:

[0062] The hard clipper type residual signal is generated and multiplied by a projection matrix $G_i(G_i^H G_i)^{-1} G_i^H$ of each carrier's spanned signal space. Signals are summed up, and deducted from the transmitted signal as described before. This is represented by Figure 4. The hard clipper type residual signal is generated by block 400, which corresponds to the block 302 ~~300~~ of Figure 3, from the multicarrier signal. The hard clipper type residual signal forms an input to each of a plurality of complex filters 404a to 404d where the multiplication by the projection matrix takes place. The output of the filters 404a to 404d are summed in summers 406a to 406c, and subsequently summed by summer 408, to generate a multi-carrier signal on line 410 which drives a power amplifier.